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Docket 93

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FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

8 JUN 1993

IN REPLY REFER TO:

93-591

RECEIVED 9302197

1007

Honorable Phil Gramm
United States Senate

[redacted]

Congressional

CONGRESSIONAL CORRESPONDENCE TRACKING SYSTEM
05/25/93

LETTER REPORT

CONTROL NO.	DATE RECEIVED	DATE OF CORRESP	DATE DUE	DATE DUE OLA(857)
9302197	05/25/93	05/21/93	06/07/93	

TITLE	MEMBERS NAME	REPLY FOR SIG OF
Senator	Phil Gramm	BC

CONSTITUENT'S NAME	SUBJECT
Donald M Carlton	OET spectrum allocation information

REF TO	REF TO	REF TO	REF TO
OET	SED	FAB	

DATE	DATE	DATE	DATE

Phil Gramm
Texas

United States Senate

OET
ex-parte
2197

MEMORANDUM

Date: 5/24/93

Federal Communications Commission
Office of Congressional Affairs
1919 "M" Street, NW
Washington, D.C. 20554

A constituent has sent the enclosed communication. A response which addressed his/her concerns would be appreciated.

Please send you response, together with the constituent's correspondence, to the following address:

Office of Senator Phil Gramm
2323 Bryan Street, Suite 1500
Dallas, Texas 75201

Attention: Georg'a Brown

Donald M. Carlton
President

3 May 1993

The Honorable Phil Gramm
United States Senate
370 Senate Russell Office Bldg.
Washington, DC 20510-4302

Subj: Support for FCC Allocation of 915 MHz for Radar Profiler Applications

Dear Senator Gramm:

This letter is to request your support concerning an upcoming Federal Communications Commission decision regarding the allocation of 915 MHz as an allowable frequency for radar wind profilers. The 915 MHz profilers provide a unique capability, they do not interfere with other users, and the chances of approval of this allocation would be improved if you would write a letter supporting the allocation. An announcement of the FCC request for comments is enclosed.

The radar profiler is an instrument which measures wind and temperature in the lower atmosphere (up to 15,000 ft. above ground) with high resolution. The instrument measures continuously, is highly reliable, and has no moving parts or expendables. The profiler was developed by the National Oceanic and Atmospheric Administration (NOAA) for use in atmospheric research programs, but the technology has worldwide applications for routine meteorological measurements, air quality related monitoring, airport safety, and other uses. Radian Corporation, Sonoma Technology, Inc., and NOAA have a Cooperative Research and Development Agreement to develop and commercialize the 915 MHz profiler technology.

RADIAN
CORPORATION
8501 N. Mopac Blvd.
P.O. Box 201088
Austin TX 78720-1088
(512) 454-4797
A company of The Hartford Steam Boiler Inspection and Insurance Co.

The technology is unique and offers substantial environmental benefits. Profilers have already been used in air quality research studies at dozens of locations including urban Texas areas, offshore in the Gulf of Mexico, throughout California, around Lake Michigan, and even at the bottom of the Grand Canyon. They have been operated at the Denver and Los Angeles airports and in support of Space Shuttle operations at Kennedy Spaceflight Center, as well as at numerous other locations around the world. The EPA is requiring the use of profilers or other means to measure the upper air meteorology in over 20 U.S. urban areas with the highest ozone concentrations. The states of Texas and California are both interested in using the technology to perform routine monitoring in support of air quality assessments and forecasting.

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The systems have been operated to date with experimental licenses for the 915 MHz frequency without interfering with other users. In order to

If you write, would you please forward a copy to me as well.

Thanks for your support in this matter.

Sincerely,

Donald M. Carlton

DMC:dl